

4.2.F. 05130203060

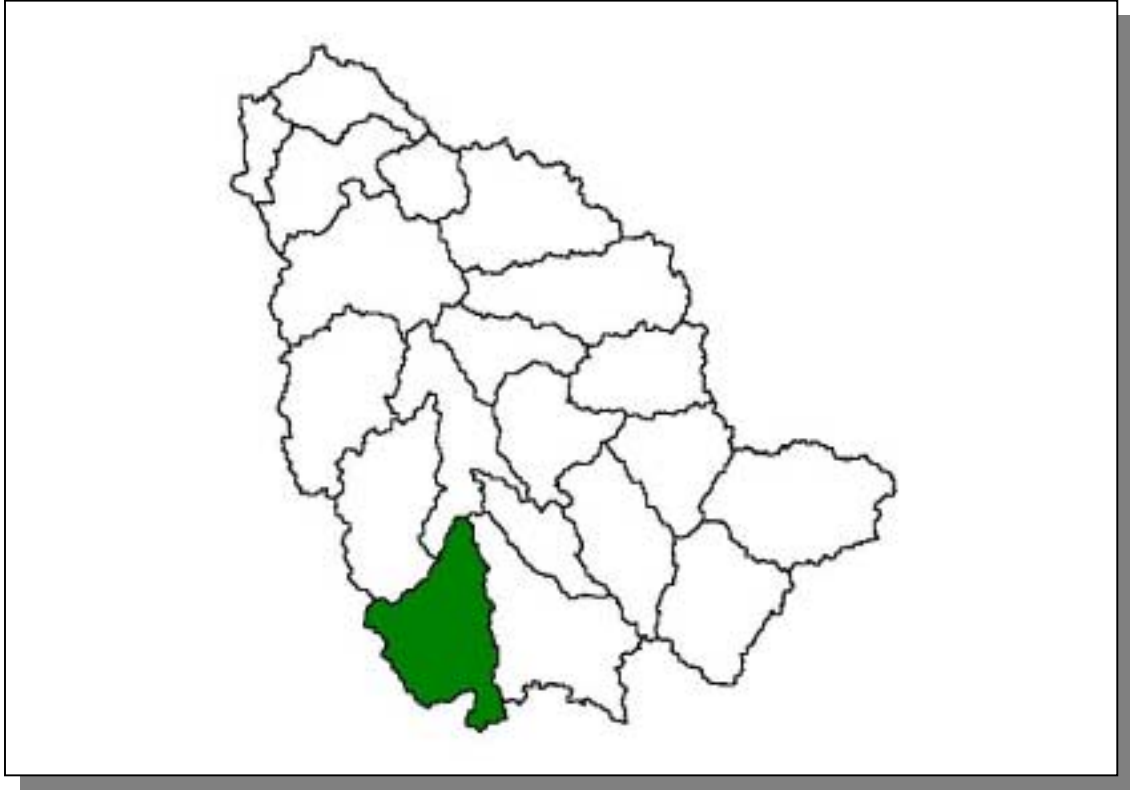


Figure 4-31. Location of Subwatershed 05130203060. All Stones HUC-14 subwatershed boundaries are shown for reference.

4.2.F.i. General Description.

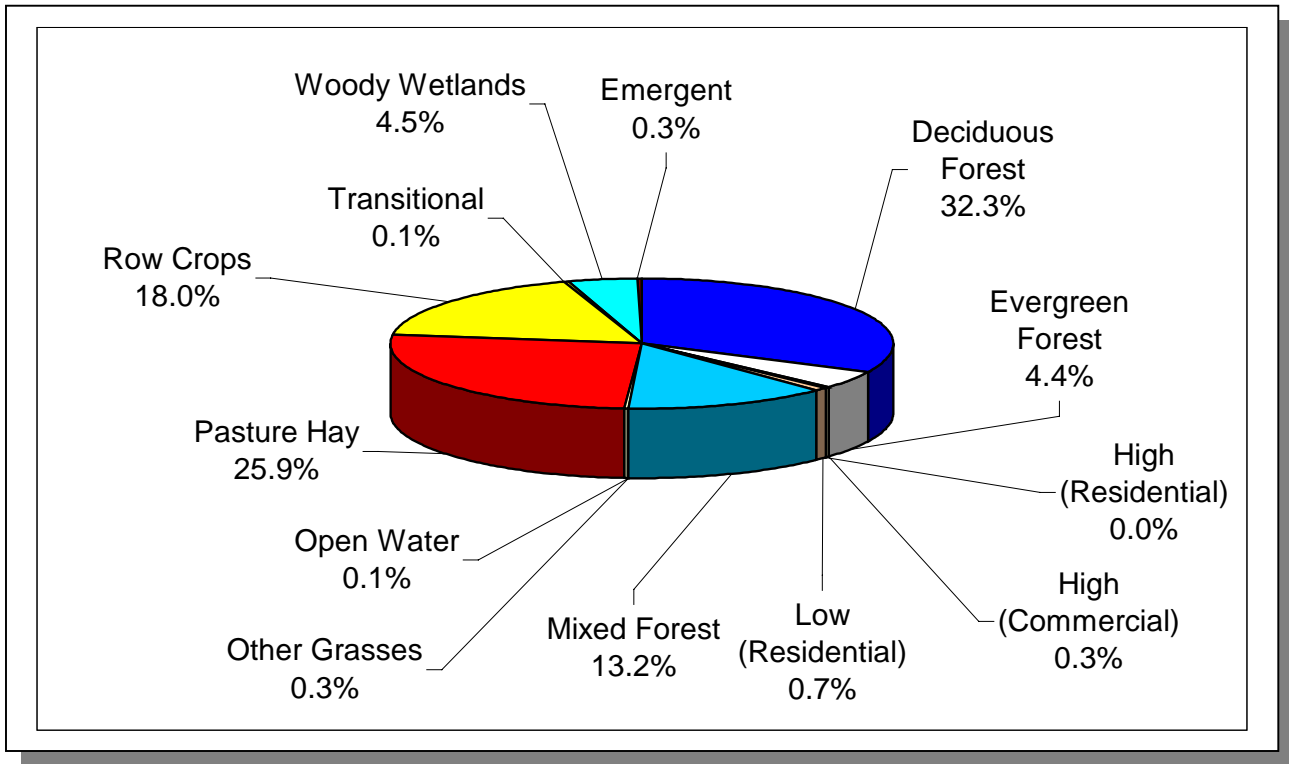


Figure 4-32. Land Use Distribution in Subwatershed 05130203060. More information is provided in Stones-Appendix IV.

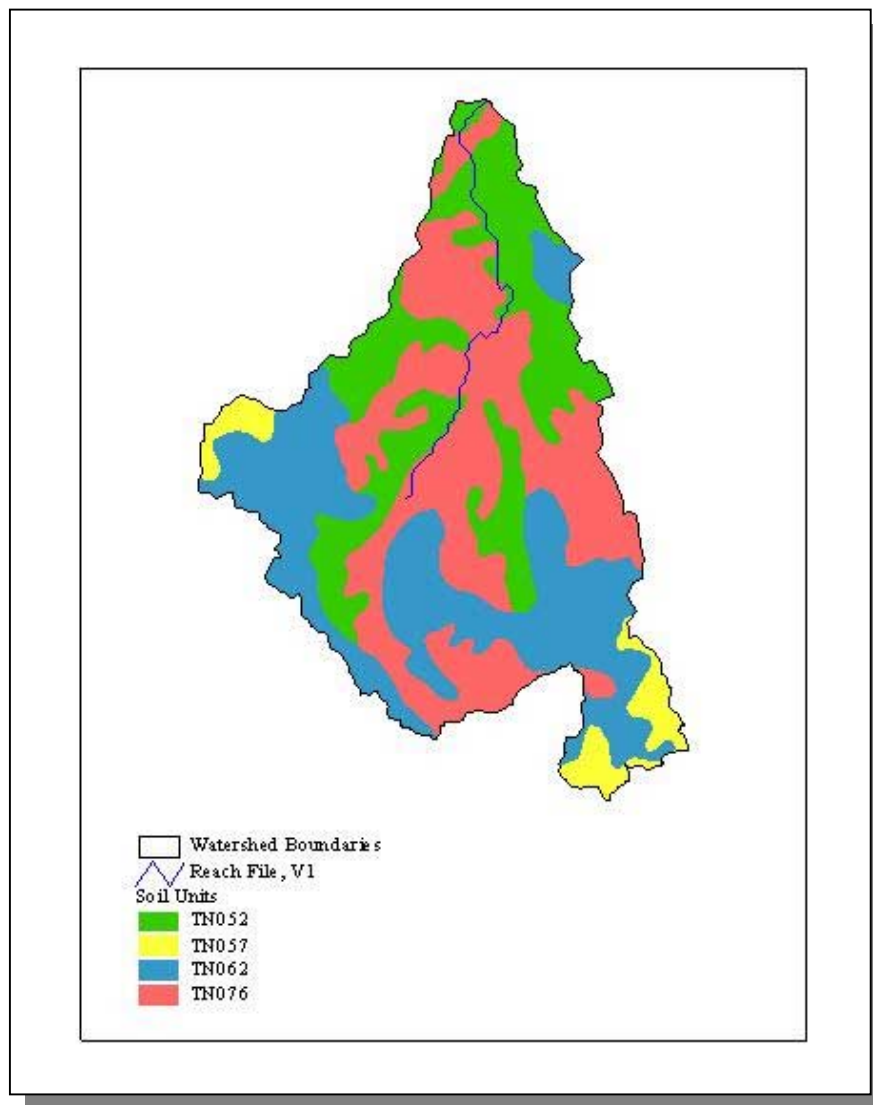


Figure 4-33. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 05130203060.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATE SOIL TEXTURE	SOIL ERODIBILITY
TN052	0.00	B	1.23	5.46	Silty Loam	0.39
TN057	0.00	C	1.14	5.01	Clay Loam	0.33
TN062	0.00	C	0.98	4.40	Clay Loam	0.26
TN076	28.00	C	0.73	6.26	Silty Clayey Loam	0.33

Table 4-32. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 05130203060. More information is provided in Stones-Appendix IV.

	TOTAL COUNTY POPULATION			ESTIMATED POPULATION IN WATERSHED		PERCENT CHANGE
County	1990	1997 Est.	Portion of Watershed (%)	1990	1997	
Bedford	30,411	34,203	0.61	185	208	12.4
Rutherford	118,570	159,987	9.24	10,960	14,788	34.9
Totals	148,981	194,190		11,145	14,996	34.6

Table 4-33. Population Estimates in Subwatershed 05130203060.

				NUMBER OF HOUSING UNITS		
Populated Place	County	Population	Total	Public Sewer	Septic Tank	Other
Murfreesboro	Rutherford	44,922	18,708	17,845	855	8

Table 4-34. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 05130203060.



Figure 4-34. Location of STORET Monitoring Site in Subwatershed 05130203060. More information is provided in Stones-Appendix IV.

4.2.F.ii. Point Source Contributions.

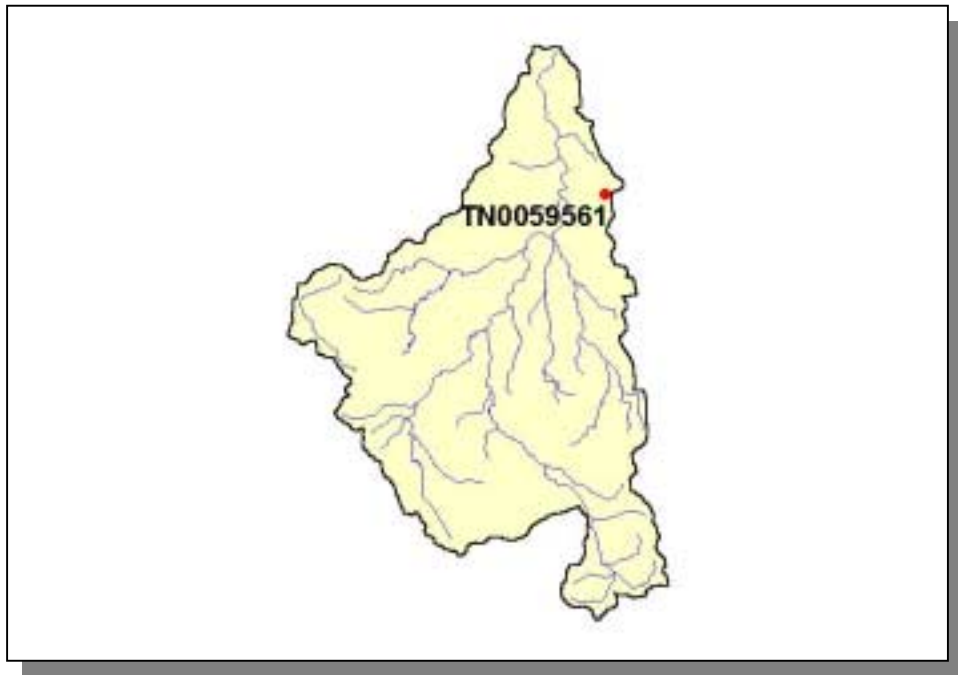


Figure 4-35. Location of Active Mining Sites in Subwatershed 05130203060. More information, including the names of facilities, is provided in Stones-Appendix IV.

4.2.F.iii. Nonpoint Source Contributions.

LIVESTOCK (COUNTS)						
Beef Cow	Cattle	Milk Cow	Chickens	Chickens Sold	Hogs	Sheep
2,274	4,756	295	8	202,886	132	47

Table 4-35. Summary of Livestock Count Estimates in Subwatershed 05130203060. According to the Census of Agriculture, "Cattle" includes heifers, heifer calves, steers, bulls and bull calves.

County	Inventory		Removal Rate	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Bedford	74.6	74.6	0.5	1.3
Rutherford	155.7	155.7	0.4	0.9
Total	230.3	230.3	0.9	2.2

Table 4-36. Forest Acreage and Average Annual Removal Rates (1987-1994) in Subwatershed 05130203060.

CROP	TONS/ACRE/YEAR
Non Agricultural Land Use	0.00
Berry (Horticultural)	0.47
Corn (Row Crops)	3.64
Soybeans (Row Crops)	2.98
Cotton (Row Crops)	4.79
Grass (Hayland)	0.26
Legume (Hayland)	0.32
Legume Grass (Hayland)	0.49
Grass (Pastureland)	0.88
Legume (Pastureland)	0.12
Grass, Forbs, Legumes (Mixed (Pasture)	0.53
Forest Land (Grazed)	0.00
Forest Land (Not Grazed)	0.00
Farmsteads And Ranch Headquarters	0.45
Conservation Reserve Program L	0.28
Wheat (Close Grown Cropland)	2.22
Summer Fallow (Other Cropland)	4.60

Table 4-37. Annual Estimated Total Soil Loss in Subwatershed 05130203060.